



# SEMINAR

DEPARTMENT of PHYSICS

*Monday, November 30, 2009  
2:00 pm – 3:00 pm  
CC 312*

**SPEAKER: Dr. Ricardo Izquierdo**  
Professor of Microelectronic Engineering,  
Computer Science Department,  
UQAM

## **Combination of Organic Semiconductors and Nanomaterials for Device Fabrication**

The combination of organic semiconductors and nanomaterials offers the possibility of development of easy processing and low cost devices for various applications. Here we will present the fabrication of two such devices: The first device is a bi-stable memory devices made by embedding gold nanoparticles in an organic semiconductor. We will also present the fabrication of transparent carbon nanotubes electrodes that could be used on organic light emitting diodes (OLEDs) or organic solar cells.

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All Faculty, Staff and students are invited  
*Refreshments will be served in the Department of Physics*  
SP-367-11 at 1:30PM: Coffee, tea, cookies  
Information: (514)848-2424 ext. 3271 or 3278